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UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: **McFarland**

Docket No: **073169/0269521**
(ATH-025)

Serial No: **09/839,565**

Group Art Unit: **2661**

Filed: **April 20, 2001**

Examiner:

For: **Multi-Carrier Communication Systems Employing Variable Symbol Rates
And Number of Carriers**

Date of Deposit: January 23, 2002

I hereby certify that this paper is being deposited with the United States Postal Service with first class postage addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231, on the date indicated above.

By: *Kathleen M. Smith*
Kathleen M. Smith

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Commissioner of Patents and Trademarks
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

The following sections are being submitted for this Information Disclosure Statement:

1. ☒ Preliminary Statements
2. ☒ Form PTO-1449
3. ☐ Statement as to information material to examination not found in patents or publications
4. ☐ Identification of Prior art references from parent/related application Serial No. *
5. ☒ Copies of references accompany this Statement
6. ☐ Concise explanation of non-English language listed information items
7. ☐ Translation(s) of non-English language documents
8. ☐ Identification of person(s) making this information disclosure statement

Section 1. Preliminary Statements

Applicant submits herewith patents, publications or other information of which Applicant is aware which are believed to be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), nor as an admission that the information cited is, or is considered to be, material to patentability, nor an admission that no other material information exists.

The filing of this information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

The art cited herein was cited in an International Search Report mailed November 27, 2001, in applicant's corresponding international application PCT/US01/12866, which is a date less than three months from this submission. No fee is due.

Section 9. Identification of Person(s) Making This Information Disclosure Statement

The person making this statement is

- (a) ☐ the inventor(s) who signs below

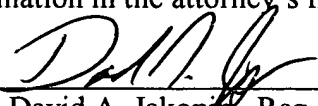
(signature of inventor)

(typed name)

- (b) ☒ the attorney who signs below on the basis of:

- ☐ the information supplied by the inventor(s)
☐ an individual associated with the filing and prosecution of this application (37 CFR 1.56(c))
☒ the information in the attorney's file

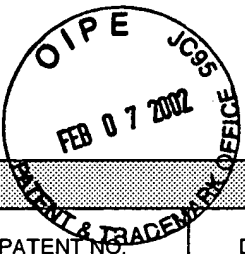
Date January 23, 2002



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INFORMATION DISCLOSURE CITATION PTO-1449			Atty Docket 073169/0269521 (ATH-025)		Serial No. 09/839,565		
			Applicant McFarland				
			Filing Date April 20, 2001		Group Art Unit 2661		
U.S. PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	5,680,388	21 Oct 97	Kahre	370	210	5/12/95	
FOREIGN PATENT DOCUMENTS							
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
	0 869 647 A2	10/98	EP			X	
	0 905 948 A2	3/99	EP			X	
	98/57472	12/98	WO				
	00/39977	07/00	WO				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER				DATE CONSIDERED			

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.